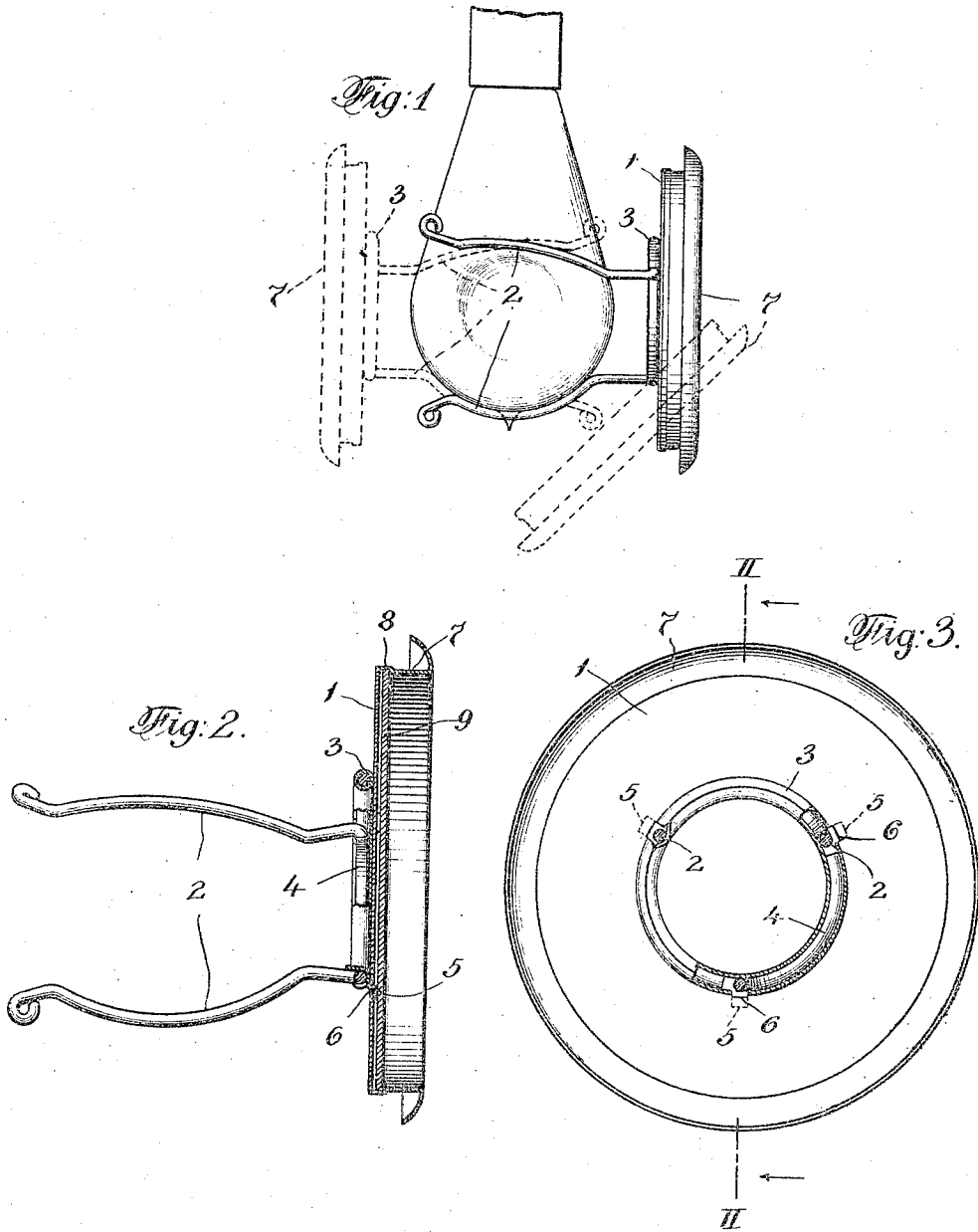


F. EVANS.  
ADJUSTABLE LAMP SHADE.  
APPLICATION FILED APR. 3, 1913.

1,090,465.

Patented Mar. 17, 1914



WITNESSES  
*John J. Kittel*  
*Le. Sanford Hand*

INVENTOR  
*Fred Evans*  
BY *Charles H. Wilson*  
ATTORNEY

# UNITED STATES PATENT OFFICE.

FRED EVANS, OF SUMMIT, NEW JERSEY, ASSIGNOR TO PATENTED DEVICES COMPANY,  
OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

## ADJUSTABLE LAMP-SHADE.

1,090,465.

Specification of Letters Patent. Patented Mar. 17, 1914.

Application filed April 3, 1913. Serial No. 753,654.

*To all whom it may concern:*

Be it known that I, FRED EVANS, a citizen of the United States, residing at Summit, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Adjustable Lamp-Shades, of which the following is a specification.

This invention relates to an adjustable lamp shade and is particularly adapted for use in connection with electric light bulbs.

A particular object of the invention is to provide a shade which may be conveniently attached to and detached from an electric light bulb, and to arrange the means of attachment in such manner that the shade may be easily swung into any adjusted position relatively to the bulb for excluding the rays of light in any desired direction.

A further object is to provide a lamp shade of the class described having a plurality of spring fingers attached thereto adapted to yieldingly engage about the globular portion of an electric bulb, to provide a screen portion for supporting the spring fingers, adapted, if desired, to form a reflector, to provide simple and inexpensive means of attachment between the spring fingers and the screen part, and to adapt the screen part to serve as a picture frame within which a picture or the like may be detachably, or otherwise carried.

Other objects and aims of the invention, more or less specific than those referred to above, will be in part obvious and in part pointed out in the course of the following description of the elements, combinations, arrangements of parts and applications of principles, constituting the invention; and the scope of protection contemplated will be indicated in the appended claims.

In the accompanying drawings which are to be taken as a part of this specification, and in which I have shown a merely preferred form of embodiment of the invention, Figure 1 is a side elevational view of a lamp shade constructed in accordance with the provisions of this invention, the same being illustrated in supported relation upon an electric bulb, the shade being illustrated in dotted lines in a plurality of adjusted positions; Fig. 2 is an enlarged, transverse, sectional view, partly in elevation of the lamp shade, said section being taken substantially

on the plane of line II—II of Fig. 3; and Fig. 3 is a rear elevational view of the shade, parts being illustrated in section for disclosing features of construction.

Referring to the drawings for a detailed description of the structure illustrated, the reference numeral 1 indicates the base member of the screen, and 2 the spring fingers attached to the rear face of the base member 1. The fingers may be attached to the base member in any desired manner, the attaching means illustrated in the drawings being simply exemplary. Connecting means illustrated comprises a ring-shaped member 3 formed by bending up a piece of sheet metal so as to inclose laterally bent portions 4 at the base of the fingers, the portions 4 being curved to correspond to the curvature of the member 3. The fingers 2 are preferably three in number spaced equi-distant about the ring-shaped member 3, and the bent portions 4 of the respective fingers extend preferably to near the base of the next adjacent finger so as to provide ample connection with the member 3.

At spaced points in the circumference of the member 3, preferably at the base ends of the fingers 2, portions, as 5, of the material of the member 3 are struck out and bent so as to form a mechanical grip with the screen member 1 preferably by being inserted through the apertures 6 formed through the member 1, the inner ends of the parts 5 being bent over the outer surface of the member 1. The base member 1 of the screen is preferably polished on its rear surface, or otherwise adapted so as to form a reflector.

For ornamentation, the base member 1 may comprise the back wall of a picture frame, as 7, if desired, the picture frame consisting of any suitable material, but preferably being formed as a metallic ring soldered or otherwise connected with the periphery of the base member 1. A suitable annular groove 8 may be provided for the retention of a photograph, or the like, as 9, the member 9 serving not only to ornament the structure, but also as a means of covering and concealing the parts 5 of the finger retaining means.

While the base member 1 and the part 7 are shown and described as being separately

formed parts connected together, it is, however, apparent that they may be formed integral, if desired, the part 7 comprising merely a marginal flange formed upon the part 1.

It is apparent from the above description and from the illustrations accompanying the same, that the spring fingers 2 are adapted to engage about the globular portion of the bulb, the fingers being bowed, as illustrated, for forming a more intimate engagement. In attaching the structure to the bulb, the fingers are spread apart by engagement with the smooth walls of the bulb, and this spreading creates a yielding pressure sufficient for retaining the engagement without interfering with the easy movement of the shade into any desired angular position, the elasticity of the fingers accommodating any and all differences in diameter of the globular portion of the bulb as the shade is moved. The spring fingers form a sort of universal joint connection between the shade and the bulb.

Obviously, the screen, if desired, may be made of a transparent or a translucent material, as glass or celluloid, so that the light rays may filter through a colored or otherwise suitably prepared member 9.

As many changes could be made in the above described construction, and various embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description, or shown in the accompanying drawing, shall be interpreted as illustrative only, and not in a limiting sense, and that the following claims are intended to cover all the generic and specific

features of the invention which may be said to fall within the language of said claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is:

1. An adjustable shade for electric light bulbs comprising a screen part, and a part for yieldingly engaging the glass portion of the bulb, the last mentioned part comprising a plurality of spring fingers, a carrier for said spring fingers spacing said spring fingers apart, and said carrier comprising a hollow ring-shaped member into which portions of the spring fingers extend, and said carrier having struck out portions forming gripping fingers extending through apertures formed in the screen part and being bent over to prevent detachment from said apertures.

2. An adjustable shade for electric light bulbs comprising a screen part, and a part for yieldingly engaging the globular portion of the bulb, the last mentioned part comprising a plurality of spring fingers, a carrier for said spring fingers spacing said spring fingers apart, means connecting said carrier with one face of said screen part projecting through apertures in said screen part to a relatively opposite face thereof, said screen part being formed with a flange, and means retained by said flange covering and concealing the connecting means of said carrier.

In testimony whereof I affix my signature in the presence of two witnesses.

FRED EVANS.

Witnesses:

L. GERSFORD HANDY,  
NATHALIE THOMPSON.